

PATENT ABSTRACTS OF JAPAN

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54) RECEPTION SYSTEM

57)Abstract:

PROBLEM TO BE SOLVED: To simultaneously view a plurality of programs by a simple operation.
SOLUTION: A reception system is provided with a distribution device for specifying a plurality of broadcasting channels to be received on the basis of program broadcasting schedule information of a plurality of television broadcasting systems and generating and distributing control information controlling a display layout of video images of broadcasting programs by the plurality of broadcasting channels, and a receiver for inputting the control information distributed by the distribution device, simultaneously receiving television broadcasting signals of a plurality of reception channels specified by the control information and displaying the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.

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[0001] The present invention relates to a reception system for receiving television broadcasting signals.
[0002] In the past, a television receiver has been provided with a function of receiving television broadcasting signals from a plurality of broadcasting channels. However, when a plurality of television broadcasting programs are received, it is necessary to operate the receiver to switch the channels to view the programs. This is inconvenient for the user.
[0003] The present invention provides a reception system for receiving television broadcasting signals from a plurality of broadcasting channels. The system includes a distribution device and a receiver. The distribution device generates and distributes control information for specifying a plurality of broadcasting channels to be received on the basis of program broadcasting schedule information of a plurality of television broadcasting systems. The receiver receives the control information and simultaneously receives television broadcasting signals of a plurality of reception channels specified by the control information. The receiver also displays the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.
[0004] The distribution device may be a personal computer or a dedicated device. The receiver may be a television set or a dedicated device. The control information may be distributed via a network or a dedicated line. The program broadcasting schedule information may be stored in a database or a memory. The receiver may display the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.
[0005] The present invention provides a reception system for receiving television broadcasting signals from a plurality of broadcasting channels. The system includes a distribution device and a receiver. The distribution device generates and distributes control information for specifying a plurality of broadcasting channels to be received on the basis of program broadcasting schedule information of a plurality of television broadcasting systems. The receiver receives the control information and simultaneously receives television broadcasting signals of a plurality of reception channels specified by the control information. The receiver also displays the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.
[0006] The distribution device may be a personal computer or a dedicated device. The receiver may be a television set or a dedicated device. The control information may be distributed via a network or a dedicated line. The program broadcasting schedule information may be stored in a database or a memory. The receiver may display the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.
[0007] The present invention provides a reception system for receiving television broadcasting signals from a plurality of broadcasting channels. The system includes a distribution device and a receiver. The distribution device generates and distributes control information for specifying a plurality of broadcasting channels to be received on the basis of program broadcasting schedule information of a plurality of television broadcasting systems. The receiver receives the control information and simultaneously receives television broadcasting signals of a plurality of reception channels specified by the control information. The receiver also displays the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.
[0008] The distribution device may be a personal computer or a dedicated device. The receiver may be a television set or a dedicated device. The control information may be distributed via a network or a dedicated line. The program broadcasting schedule information may be stored in a database or a memory. The receiver may display the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.
[0009] The present invention provides a reception system for receiving television broadcasting signals from a plurality of broadcasting channels. The system includes a distribution device and a receiver. The distribution device generates and distributes control information for specifying a plurality of broadcasting channels to be received on the basis of program broadcasting schedule information of a plurality of television broadcasting systems. The receiver receives the control information and simultaneously receives television broadcasting signals of a plurality of reception channels specified by the control information. The receiver also displays the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.
[0010] The distribution device may be a personal computer or a dedicated device. The receiver may be a television set or a dedicated device. The control information may be distributed via a network or a dedicated line. The program broadcasting schedule information may be stored in a database or a memory. The receiver may display the video images of the television broadcasting programs of the plurality of channels by a layout according to the control information.

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